

Message Text

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ORIGIN SSM-05

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DRAFTED BY SSM:COL DLAYNE

APPROVED BY SSM:CWKONTOS

SSM:CLSTILES

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FM SECSTATE WASHDC

TO USMISSION SINAI PRIORITY

C O N F I D E N T I A L STATE 081501

E.O. 11652: GDS

TAGS: AEMR, PFOR, EG, IS

SUBJECT: SFM PROTECTIVE SHELTER

REF: A) SINAI 0406, B) SINAI 0470

1. THE RATIONALE AND BASIC SPECIFICATIONS FOR PROTECTIVE COVER PRESENTED IN REF A WAS VERY INFORMATIVE AND AS MODIFIED BY REF B PROVIDES A SOUND AND MUCH MORE REASONABLE APPROACH. THE ESTIMATED COST BY CALLAWAY APPEARS TO BE A GOOD FIGURE AND WE ARE HOPING THAT THE COST DATA (LABOR AND MATERIALS) DEVELOPED BY "ESY" WILL BE IN THE SAME BALL PARK. IN THE MEANTIME WE ARE CHECKING WITH DOD SOURCES TO DETERMINE IF ANY OF THEIR PREFAB PROTECTIVE SHELTERS WOULD MEET OUR REQUIREMENTS AND COULD BE PROVIDED IN A TIMELY MANNER.

2. THERE ARE SEVERAL OTHER ALTERNATIVES THAT MAY BE WORTHWHILE INVESTIGATING. A) USE OF A CONCRETE MODULE ASSUMING THAT ONE BECOMES AVAILABLE AND COULD BE LOWERED INTO A DEFILADE POSITION BY ON-SITE CRANE AND B) PROCUREMENT AND INSTALLATION OF THE PRECAST CONCRETE "QUONSET TYPE"

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SHELTER USED BY THE IDF. IN ERECTION OF ANY OF THESE WE

SHOULD CONSIDER BACK FILLING WITH LAYERS OF SAND AND ROCK TO PROTECT AGAINST THE WORST CASE, I.E., AN ARTILLERY ATTACK.

3. PROVISIONING OF THE SHELTER SHOULD INCLUDE MINIMUM REQUIRED LIFE SUPPORT MATERIALS, SUCH AS BUNKS AND BEDDING NON-PERISHABLE FOOD STORES AND WATER CONTAINERS. WE ALSO RECOMMEND THAT THE SHELTER BE DESIGNED TO ACCOMMODATE A SPARE HVAC UNIT AND RUDIMENTARY COOKING FACILITIES. HEALTH AND COMFORT ITEMS SHOULD BE SPECIFIED IN E AND E PLAN AND MOVED INTO THE SHELTER WHEN PHASE BRAVO IS EXECUTED.

4. WE DO NOT CONCUR WITH USE OF TRC-136 FOR EMERGENCY COMM FOR SEVERAL REASONS. THESE UNITS (INCLUDING GENERATORS) ARE ON LOAN FROM DOD AND WILL BE RETURNED UPON COMPLETION OF PERMANENT BASE CAMP. ADDITIONALLY, WE BELIEVE THEY WOULD PROVE TO BE A MAINTENANCE PROBLEM. WE RECOMMEND THAT THE KWM-2A BE EMPLOYED FOR HF VOICE COMM AND A SPARE VHF PORTABLE UNIT (AN/PRC-25) SET ON DESIGNATED AIR/GROUND FREQUENCIES BE USED FOR COMM WITH SAR AIRCRAFT. ALTHOUGH WE HAVE NOT ANALYZED TOTAL POWER REQUIREMENTS, WE BELIEVE THAT A 16.5 KW (WITTE) NOW USED AT THE WATCH STATIONS WOULD BE SUFFICIENT AND SHOULD USE LESS FUEL THAN A 60 OR 105 KW UNIT.

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